

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(s): SONTI et al.

SERIAL NO.: To Be Assigned ART UNIT:

FILING DATE: Herewith EXAMINER:

TITLE: METHOD AND APPARATUS FOR STRENGTHENING OF POWDER
METAL GEARS BY AUSFORMING

ATTORNEY

DOCKET NO.: 215P011709-US (PAR)

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
(37 C.F.R. §1.97(b)(3))

Sir:

This Information Disclosure Statement is filed together with the above-identified patent application. Thus, a certification under 37 C.F.R. 1.97 (e) or fee under 37 C.F.R. 1.17(p) is not required for the information herein to be considered.

The following information is being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application. Applicants' Attorney is aware of the following references:

US 5,711,187
US 5,221,513
US 5,391,862
US 5,451,275
US 5,656,106
US 5,799,398
US 6,007,762
US 6,126,892

US 6,264,768

Advances in Powder Metallurgy - 1991, volume 3, pages 159-170
Advances in Powder Metallurgy & Particulate Materials - 1992,
volume 2, pages 355-363
Advances in Powder Metallurgy & Particulate Materials - 1996,
volume 4, pages 491-500
Advances in Powder Metallurgy & Particulate Materials - 1996,
volume 4, pages 451-461

Copies of these references are enclosed together with a Form PTO-1449.

The filing of this Statement is not to be construed as a representation that a search has been made regarding the claimed invention (37 C.F.R. §1.97(g)) or that no other possible material information exists. In addition, the filing of this Information Disclosure Statement is not to be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability (37 C.F.R. §1.97(h)).

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,



Geza S. Ziegler, Jr.
Reg. No. 44,004

17 March 2004
Date

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**INFORMATION DISCLOSURE
CITATION FORM FOR
PATENT APPLICATION
(FORM PTO-1449)
(Substitute)**

Docket No.: 215P011709-US (PAR)

Serial No.:

Applicant(s): SONTI et al.

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Group:

U.S. PATENTS

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
	5,711,187	01/27/98	Cole et al.	74	434	
	5,221,513	06/22/93	Amateau et al.	266	81	
	5,391,862	02/21/95	Amateau et al.	219	667	
	5,451,275	09/19/95	Amateau et al.	148	573	
	5,656,106	08/12/97	Amateau et al.	148	586	
	5,799,398	09/01/98	Amateau et al.	29	893.32	
	6,007,762	12/28/99	Amateau et al.	266	118	
	6,126,892	10/03/00	Amateau et al.	266	118	
	6,264,768	07/24/01	Sonti et al.	148	567	

U.S. PATENT PUBLICATIONS

Initials	Publication No.	Pub. Date	Name	Class	Sub-class	Filing Date

FOREIGN PATENT DOCUMENTS

Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a

OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)

	Puskar, et al., "Microstructure and Mechanical Response of Ausformed Steel Surfaces", Advances in Powder Metallurgy and Particulate Materials, 1996, volume 4, part 13, pages 491-500.
	Sonti, et al., "A Case Study of an Ausformed Helical Pinion Gear", Advances in Powder Metallurgy and Particulate Materials, 1996, volume 4, part 13, pages 451-461.
	Queeney, et al., "Mechanical response of Surface-Ausrolled Sintered Steel", Advances in Powder Metallurgy, 1991, volume 3, pages 159-170.
	Kuplen, et al., "Ausrolling Sintered Steels for Bearing Elements", Advances in Powder Metallurgy and Particulate Materials, 1992, volume 2, pages 355-363.

Examiner's Signature:

Date Considered:

Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.

Include a copy of this citation form with your next correspondence to the Applicant(s).